

DOUGH OF WARRINGTON.

---

# AL REPORT

OF THE

## FFICER OF HEALTH

ON THE

### DITION OF WARRINGTON G THE YEAR 1940.

---

RT F. ALLISON,  
I.B., Ch.B., D.P.H.

School Medical Officer, Tuberculosis Officer,  
intendent of Corporation Hospitals,  
am and Maternity Home.



WARRINGTON:  
LTD., THE GUARDIAN PRESS.

# County Borough of Warrington

## 1940.

### HEALTH COMMITTEE.

#### Mayor :

ALDERMAN WILLIAM ROBERTS.

#### Chairman :

ALDERMAN DAVID PLINSTON, J.P.

#### Deputy-Chairman :

ALDERMAN FRANK STRINGER, J.P.

ALDERMAN BROADHURST, J.P.	COUNCILLOR HARDMAN
„ ROBERTS	„ LONGSHAW
„ STARKEY, J.P.	„ MORRIS
COUNCILLOR W. G. CALDWELL	„ SMITH
„ CHALLINOR	„ TAYLOR
„ GRAY	„ WIGGINTON

#### Maternity and Child Welfare Committee.

All the members of the Health Committee, together with the following Co-opted Members :—

MRS. HAZELDINE.  
MISS CLARKE.  
MRS. UNSWORTH

#### Blind Persons Act Sub-Committee.

All the members of the Health Committee, together with the following Co-opted Members :—

MR. REX FURNESS  
„ A. E. LEDGER  
„ J. McARTHUR  
ALDERMAN MARSHALL  
MR. WARBURTON.  
„ J. MYTTON.

#### Boarding Out Committee :

(Sect. 98 Public Assistance Order, 1930).

All the Members of the Maternity and Child Welfare Committee, together with Mrs. Starkey and Mrs. Williams.

#### Town Clerk :

W. E. E. LOCKLEY, Esq.

## PUBLIC HEALTH STAFF.

Office Held.	Name.	Qualifications.	Other Offices Held.
<i>(a) Medical.</i>			
Medical Officer of Health	Stuart F. Allison	M.B., Ch.B., D.P.H.	School Medical Officer, Tuberculosis Officer, Maternity and Child Welfare Officer, Medical Superintendent of Corporation Hospitals.
Asst. Medical Officer of Health	C. A. Paulusz	L.R.C.P., L.R.C.S. (Edin.), L.R.F.P.&S. (Glas.), L.M.R.C.P.I., D.P.H.	Assistant School Medical Officer
" " "	Miss M. I. Porteous	M.B., Ch.B., D.P.H.	Assistant Maternity and Child Welfare Officer.
" " "	J. A. Delmege, O.B.E.	M.R.C.S., L.R.C.P., D.P.H.	Assistant Tuberculosis Officer.
Male Resident Medical Officer (Borough General Hospital)	M. Haydon Baillie	M.R.C.S., L.R.C.P. (Eng.)	
Female Resident Medical Officer (Borough General Hospital)	Winifred M. Doran	L.R.C.P. & L.R.C.S. (Edin.), L.R.F.P.&S. (Glasgow)	
Resident M.O.	James S. Young	M.B., B.Ch.	
Venereal Diseases Officer	Ellis Pigott	M.B., Ch.B.	Part time.
School Dental Officer	Wm. C. Parr	L.D.S.	
" "	Miss I. M. Candon	L.D.S.	
Dental Officer (Borough General Hospital)	J. Ellis	L.D.S.	Part time.
Throat and Nose Surgeon	George E. Archer	M.B., Ch.B., F.R.C.S.	Part time.
Radiologist	John A. Ross	M.R.C.S., (Eng.)	Part time.
Ophthalmic Surgeon	O. M. Duthie	M.D., Ch.B.	Part time.
Orthopædic Surgeon	Harman Taylor	M.B., Ch.B.	Part time.
Obstetric Surgeon (Cæsarian operations)	Vacant.		
Public Vaccinator (1)	Dr. Sinclair	M.B., Ch.B.	Part time.
Public Vaccinator (2)	Dr. W. E. Bowden	M.B., Ch.B.	Part time.
Pathologist	Dr. Vincent Magee	M.D.	Part time.
Veterinary Surgeon (1)	H. H. Ferguson	M.R.C.V.S.	Part time.
Veterinary Surgeon (2)	C. T. Trevers	M.R.C.V.S.	Part time.
Public Analyst	J. G. Sherratt	B.Sc., F.I.C.	Analyst under the Fertilizer and Feeding Stuffs Act.
Sanitary Inspector	W. T. Flood (Chief)	Cert. of R. San. Inst.	Inspector of Food and Drugs. Inspector of Contagious Diseases of Animals. Inspector of Canal Boats. Inspector of Shops Acts. Inspector of Poisons and Pharmacy Acts.
" "	John Stevens	R.S.I. Certificate, Meat Inspector's Cert.	Inspector under Shops Acts.
" "	James Snailham	R.S.I. Certificate, Meat Inspector's Cert.	Housing Inspector. Special Tuberculosis Work.
" "	Ernest Barton	R.S.I. Certificate, Meat Inspector's Cert.	General District Work
" "	Wm. H. Molyneaux	R.S.I. Certificate and Meat Certificate.	General District Work



PUBLIC HEALTH STAFF—*continued.*

Office Held.	Name.	Qualifications.	Other Offices Held.
<i>(b) Others (continued).</i>			
Sanitary Inspector .....	Robert L. Winstanley.....	R.S.I. Certificate and R.S.I. Meat Cert.	General District Work
" " .....	Bezley Trepess... ..	R.S.I. Certificate .....	General District Work
" " .....	William Hunt ....	R.S.I. Certificate, R.S.I. Meat Cert.	Infectious Diseases Work
Vaccination Officer .....	A. E. Price .....		Part time.
Matron of Isolation Hospital	Miss N. Roberts ....	General Trained, Fever Trained, State Regis- tered T.B. Cert. ....	
Matron of Borough General Hospital	Miss C. M. Hannen ....	General Trained, C.M.B. Certificate, State Registered Nurse, F.B.C.N. ....	
Matron of Hefferston Grange, Sanatorium, Weaverham	Miss E. F. Yaxley ....	Tuberculosis and Fever Trained	
Maternity Home .....	Miss M. Morris .....	General Trained C.M.B. Cert. ....	
Steward, Borough Gen- eral Hospital	A. F. Pidgeon, .....	A.C.C.S.	
Inspector of Midwives....	Miss Knott .....	C.M.B. Cert., R.S.I. Cert.	Also Health Visitor.
Health Visitor .....	Miss Barlow ....	C.M.B. Cert., R.S.I. Cert.	—
" " .....	Miss Cawley .....	General Training, C.M.B. Cert. and Health Visitor's Cert.	—
" " .....	Miss Sampson .....	General Training, C.M.B. Cert. ....	—
" " .....	Miss Smith .....	General Training, C.M.B. Cert. and Health Visitor's Cert.	—
" " .....	Miss G. M. Owen ....	General Training, C.M.B. Cert. and Health Visitor's Cert.	—
Tuberculosis Nurse ....	Miss Pettie .....	R.S.I. Certificate .....	
School Nurse .....	Miss Griffith .....	General Certificate, Hygiene Cert. (Queen's)	
" " .....	Miss Wright, ....	General Certificate Fever Trained	
" " .....	Miss Coventry....	General Cert. S.R.N., State Cert. Midwife, H.Vs. Cert. R.S.I. Children's Nurse Cert.	
" " .....	Miss Fletcher ....	General Certificate, S.R.N., Fever Nurse, S.R., C.M.B., Cert. R.M.P.A.	
Dental Attendant....	Miss Dean .....		
Clerks .....	Wm. Lawless .....		Chief Clerk.
" .....	Wm. Knowles .....		Accounts and Stores Clerk.
" .....	Miss V. Dwerryhouse....		Typist.
" .....	Miss M. Jones .....		Clerk (M. & C.W.)
" .....	Ernest Tarbuck .....		Clerk.
" .....	Harold Plinston .....		"
" .....	David Rustage ...		" T.B. Dispensary.
" .....	W. T. Barton ..		Clerk.
" .....	Joseph Bradshaw		Junior Clerk.

*To the Chairman and Members of the  
Health Committee.*

Gentlemen,

I have the honour to submit the Annual Report on the Health Services and Sanitary circumstances of the Borough for the year 1940.

It is still necessary to include in this report only essential and urgent matters which have affected the public health during the year.

As a result of conditions imposed by the war, the administration of the various departments has been conducted under considerable difficulties, and it has been impossible to proceed with various desirable developments and expansions in the General Health Services and at the Hospitals. It was, however, possible to continue the usual activities of the Department.

The figure provided by the Registrar-General for the estimated civilian population again shows a reduction from 78,090 in 1939 to 76,060. Local evidence however points strongly to a substantial increase: all the houses in the town are fully occupied and, I am afraid, in many cases overcrowded.

The number of deaths occurring in the year is 195 higher than in 1939, the increase being principally attributable to respiratory diseases and deaths from violence (road deaths, burns, scalds, &c.).

With reference to our food supply, a change of some magnitude has been introduced, the Ministry of Food having undertaken rationing and control; though fitness for human consumption is still determined by officers of this department. The former method of providing and distributing meat has been superseded, so that now all cattle, sheep, pigs and calves (intended for human food) which have been fed in the prescribed area must be sent to the two Warrington Collecting Centres from which they are allocated (by Ministry Officials) to Warrington and several surrounding towns. Since the beginning of the year only two slaughter-houses, however, instead of six as formerly, have been in use for slaughtering, and from these meat, &c., is provided to 182 shops in Warrington and the surrounding districts. The new system naturally requires much wider supervision on the part of the Inspectors of this Department.

I have to thank my staff at the Health Department and in the various Corporation Hospitals for their loyal support, and to offer my sincere thanks to the Chairman, Deputy Chairman and Members of the Health Committee for their generous support and guidance. To all other Corporation officials I wish to express my appreciation for their constant courtesy and consideration.

I have the honour to be,

Your obedient Servant,

STUART F. ALLISON,

*Medical Officer of Health.*

Health Department,  
Sankey Street, Warrington.

January, 1941.

## SECTION A.

### STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

**SOCIAL CONDITIONS.**—Warrington is mainly an industrial town, and owing to the variety of manufactures carried on, *e.g.*, wire, iron and steel, chemicals, soap, cotton, glass, brewing, tanning, etc., does not suffer from unemployment to the same extent as some of the other Lancashire County Boroughs. A large number of artisans have recently come to reside in the borough to take part in the erection of works in the surrounding districts.

#### INSURED PERSONS.

The number of insured persons in the Borough entitled to Medical Benefit on the 1st January, 1941, was 37,763, for which information I am indebted to Mr. Alfred Tilling (Clerk to the Warrington Insurance Committee).

#### TOTAL UNEMPLOYED.

Week ending.	Wholly Unemployed.	Men Temporarily Stopped	Total.	Wholly Unemployed	Women Temporarily Stopped	Total.	Grand total. Men & Women
22.7.40.	196	63	259	502	286	788	1,047
24.7.39.	1,648	360	2,008	470	247	717	2,725
25.7.38.	2,030	1,504	3,534	584	283	867	4,401
26.7.37.	1,950	988	2,938	423	206	629	3,567
27.7.36.	2,051	780	2,931	395	128	523	3,454

#### VITAL STATISTICS.

Area .....	4532	acres
Population (Census 1931) .....	79322	
„ (R.G. 1940) (Civilian) .....	76060	
Number of separate dwellings occupied (1931).....	17341	
Number of families or separate occupiers (1931) .....	18474	
Rateable value (1st April, 1940) .....	£412304	

		Total	M.	F.	
Live Births {	Legitimate ....	1314	691	623	} Birth Rate 17.9
	Illegitimate ....	54	27	27	
Still Births.....	67	Rate per 1000 total births.....			48.9
Deaths.....	1059	Death Rate (Area\comparability Factor)...			16.1
Percentage of total deaths occurring in Public Institutions.....					46
Number of women dying in, or in con-   from sepsis .....					3
sequence of, childbirth.....   from other causes .....					4
Deaths of Infants under One year of age per 1000 live births.....					65
Legitimate. 87 ; Illegitimate 3. Total .....					90
Deaths from Measles (All ages) .....					4
„ „	Whooping Cough (All ages).....				Nil
„ „	Scarlet Fever .....				Nil
„ „	Diphtheria .....				8
„ „	Diarrhœa (under 2 years of age) .....				8



POPULATION.—The Registrar-General's estimate for the mid-year 1940, was 76,060 (compared with the 1931 Census figures of 79,322), and last year's estimate of 78,000.

*\*(Estimated Civilian Population)*

BIRTHS.—There were 1,590 births notified in this Borough in 1940; 210 births were to parents resident outside Warrington, while 55 Children were born outside the Borough to parents resident within. Deducting the 210 births from the total 1,590 and adding the 55 births we have accredited to Warrington 1368 live births (718 males and 650 females) and 67 stillbirths, total 1,435.

The birth-rate for Warrington per 1,000 living of the population was 17.9 in 1940, compared with 16.5 in 1939, and 14.6 for England and Wales as a whole.

The total number of illegitimate births was 54 (27 males, 27 females), compared with 37 births in 1939.

MARRIAGES.—There were 1,030 marriages during the year, the rate per 1,000 of population being 13.5. In 1939 there were 848 marriages, giving a rate of 10.8.

DEATHS.—1190 deaths were registered as occurring in the Borough during 1940. Of these, however, 206 were non-residents. During the same period, 66 deaths have been reported as having occurred outside the district of persons usually resident in Warrington. Adding these and deducting the non-residents we have a total of 1059 deaths accredited to Warrington for 1940, compared with 864 in 1939.

This gives us a death-rate of 13.9 per 1,000 persons living during 1940, compared with 11.1 in 1939 and 11.1 in 1938.

The death-rate for England and Wales was 14.3; for the 126 County Boroughs and Great Towns 15.8; and for London 17.8.

Local adjusted death rate for Warrington 16.1.

Table comparing the Vital Statistics of Warrington with the average for the County Boroughs and for England and Wales as a whole.  
(The mortality rates for England and Wales refer to the whole population but for London and the towns to civilians only.)

	Rate per 1,000 Total Population		Annual Death-rate per 1,000 Population.								Rate per 1,000 Live Births.	
	Live Births.	Still-births.	All Causes.	Typhoid and Paratyphoid Fevers.	Small-pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Influenza.	Diarrhoea and Enteritis (under two years).	Total Deaths under one year.
England and Wales .....	14.6	0.55	14.3	0.00	—	0.02	0.00	0.02	0.06	0.32	4.6	55
126 County Boroughs and Great Towns, including London .....	16.0	0.64	15.8	0.00	—	0.02	0.00	0.02	0.07	0.29	5.9	61
148 Smaller Towns (Estimated Populations, 25,000—50,000) at census 1931	15.7	0.55	12.8	0.00	—	0.02	0.00	0.02	0.05	0.30	4.4	54
London .....	13.7	0.44	17.8	0.00	—	0.01	0.00	0.00	0.01	0.18	5.8	50
Warrington .....	17.8	0.92	13.9	0.00	—	0.05	0.00	0.00	0.10	0.30	5.8	65

The maternal mortality rates for England and Wales are as follows :	Puerperal Sepsis.	Others.	Total.
per 1,000 Total Births ...	0.52	1.64	2.16
County Borough of Warrington :	2.08	2.77	4.85



# CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE IN THE COUNTY BOROUGH OF WARRINGTON.

CAUSES OF DEATH	Sex	All Ages	0—	1—5	5—15	15—45	45—65	65—
ALL CAUSES .....	M	582	55	15	11	70	209	222
	F	477	35	16	9	61	111	246
1 Typhoid and para- typhoid fevers .....	M	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...
2 Measles .....	M	1	...	1	...	...	...	...
	F	3	2	1	...	...	...	...
3 Scarlet fever .....	M	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...
4 Whooping Cough .....	M	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...
5 Diphtheria .....	M	4	...	2	2	...	...	...
	F	4	...	2	2	...	...	...
6 Influenza .....	M	17	2	2	...	...	7	6
	F	6	...	1	...	...	...	5
7 Encephalitis lethargica	M	1	...	...	...	1	...	...
	F	1	...	...	1	...	...	...
8 Cerebro-spinal fever ...	M	2	...	1	...	...	1	...
	F	1	...	...	...	...	1	...
9 Tuberculosis of respiratory system .....	M	41	...	...	...	16	21	4
	F	19	...	...	1	15	2	1
10 Other tuberculous diseases .....	M	2	...	...	...	...	2	...
	F	3	...	1	...	2	...	...
11 Syphilis .....	M	...	...	...	...	...	...	...
	F	2	...	...	...	...	1	1
12 General paralysis of the insane, tabes dorsalis	M	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...
13 Cancer, malignant disease .....	M	58	...	...	...	6	23	29
	F	46	...	...	...	5	16	25
14 Diabetes .....	M	4	...	...	...	1	1	2
	F	11	...	...	...	1	7	3
15 Cerebral hæmorrhage, etc. ....	M	36	...	...	...	...	16	20
	F	44	...	...	...	...	13	31
16 Heart disease .....	M	109	...	...	...	11	38	69
	F	107	...	...	...	9	25	73
17 Other circulatory diseases .....	M	12	...	...	...	...	5	7
	F	9	...	...	...	...	1	8
18 Bronchitis .....	M	71	4	...	...	2	35	39
	F	53	1	...	...	2	11	39
19 Pneumonia (all forms) ..	M	51	11	2	...	6	20	12
	F	32	10	5	2	2	7	6
20 Other respiratory diseases .....	M	15	...	...	...	3	6	6
	F	17	...	...	...	4	4	9
21 Peptic ulcer .....	M	12	...	...	...	3	6	3
	F	1	...	...	...	...	1	...
22 Diarrhœa, under 2 years	M	5	5	...	...	...	...	...
	F	3	3	...	...	...	...	...
23 Appendicitis .....	M	1	...	...	...	1	...	...
	F	1	...	...	...	...	...	1
24 Other digestive diseases	M	10	1	...	...	2	5	2
	F	13	1	...	...	1	4	7
25 Acute and chronic nephritis .....	M	4	...	...	...	1	2	1
	F	12	...	...	...	2	6	4
26 Puerperal sepsis .....	F	3	...	...	...	3	...	...
	F	...	...	...	...	...	...	...
27 Other puerperal causes	F	4	...	...	...	4	...	...
	F	...	...	...	...	...	...	...
28 Congenital debility, premature birth, malformations, etc.	M	28	26	1	1	...	...	...
	F	22	18	2	1	1	...	...
29 Suicide .....	M	4	...	...	...	2	1	1
	F	2	...	...	...	2	...	...
30 Other violence .....	M	45	1	5	4	9	15	11
	F	16	...	2	...	4	2	8
31 All other causes .....	M	49	5	1	4	6	5	28
	F	43	...	2	2	4	10	25

## ROAD DEATHS, 1940.

Fatalities on the highways of this country reach such a large total every year that the problem of prevention has necessarily become very prominent. The following are the figures relative to Warrington:—

	Warrington residents killed in Borough.	Warrington residents killed outside Borough.	Residents belonging to outside killed in Warrington.
Under 1 year .....	—	—	—
1 to 2 years .....	—	—	—
2 to 5 years .....	1	—	—
5 to 15 years .....	1	—	—
15 to 25 years .....	—	—	1
25 to 35 years .....	—	2	—
35 to 45 years .....	—	—	2
45 to 55 years .....	1	2	—
55 to 65 years .....	3	—	—
65 to 75 years .....	3	2	1
	<hr/> 9 <hr/>	<hr/> 6 <hr/>	<hr/> 4 <hr/>

## SUMMARY OF BACTERIOLOGICAL WORK FOR THE YEAR, 1940.

2628 specimens were examined at the Health Department, Laboratory, Sankey Street (for various infectious diseases).

438 specimens of sputum submitted for examination in connection with tuberculosis cases.

13 specimens examined for diagnosis of Ringworm.

15 Pathological specimens were examined at the following laboratories (Warrington Infirmary, Public Health Laboratory Liverpool, Liverpool University Laboratory, and the Public Health Laboratory, Manchester.

1421 Specimens were examined at the Pathological Laboratory, Borough General Hospital.

78 Bacteriological examinations of samples of Water, Milk and Foodstuffs at the Public Health Laboratory, Manchester.

## DISTRICT MEDICAL SERVICES.

No. of patients attended:—

Period ending 31st March, 1940 ....	641
30th June, 1940 ....	461
30th September, 1940 ....	385
31st December, 1940 ....	394
Payment to doctors for service ....	£314 16s. 0d.
Payment to Chemists for dispensing ....	£456 6s. 2d.
Surgical Appliances ....	£52 15s. 10d.
Administrative Expenses—	
(a) Printing and Stationery ....	£10 0s. 0d.
(b) Payment to Pricing Bureau for for pricing prescriptions ....	£7 8s. 3d.
Number of Doctors on Panel, 31st December, 1940	18

## MATERNITY AND CHILD WELFARE.

### SUMMARY OF WORK CARRIED OUT DURING THE YEAR, 1940.

1590 births were notified to the Medical Officer of Health of children born in Warrington, to comply with the provisions of the Public Health Act, 1936 against 1521 in 1939 and 1527 in 1938.

1368 of the notified births were of children born to persons resident in Warrington.

13365 visits were paid by the Health Visitors to the homes of children under 5 years of age, and nursing and expectant mothers.

215 Visits were made to the homes of Boarded-Out Children.

100 Visits were made to the homes of children Out to Nurse.

201 Visits were made to the homes of Illegitimate Children.

991 mothers attended at the Ante-Natal Clinic and 133 at the Post-Natal Clinic, at the Health Department.

684 attendances were also paid at the Borough General Hospital Ante-Natal Clinic.

\* 926 maternity cases were admitted during the year :—

Borough General Hospital	....	....	....	548
--------------------------	------	------	------	-----

Maternity Home	....	....	....	378
----------------	------	------	------	-----

705 maternity cases were attended in their own homes.

13171 attendances by expectant and other mothers were paid to the five Consultation Centres.

7636 attendances of Infants and 7116 attendances of children 1—5 years were made at the Consultation Centres.

7 Maternal deaths in 1940 (Puerperal Sepsis—3 ; Other causes 4) —in year 1939—4 deaths and in 1938—4 deaths.

90 deaths of infants (under 1 year) in 1940 (69 infant deaths, in 1939 and 93 infant deaths in 1938).

65 Infantile mortality rate per 1000 births (53 in 1939, and 72 in 1938).

31 deaths of children between ages 1 to 5 ; in 1939 22 deaths, in 1938 45 deaths.

320 children examined at the Consultation Centre by the Medical Officer were found to have defects requiring attention.

158 children under 5 years of age were treated in the Orthopædic Clinic : 161 in 1939, 152 in 1938.

38 Ailing Babies were treated at Aikin Street Hospital during 1940.

699 children were successfully vaccinated during the year.

---

\*This figure includes cases from other areas which were treated in our Hospitals.



## 6.—HOSPITALS.

List of the Hospitals and number of beds provided and cases admitted during 1940 :—

	<i>Cases Admitted.</i>
(i) Warrington Infirmary (117 beds) ....	2405
(ii) Borough General Hospital (285 beds) ....	3030
(iii) Isolation Hospital (131 beds) ....	446
(iv) Hefferston Grange Sanatorium (80 beds) ....	196
(v) Maternity Home (20 beds) ....	378
(vi) Smallpox Hospital (22 beds) ....	Nil
(vii) Specialist Services (Described in 1932 Report).	
(viii) Whitecross Institution (Mental Cases) ....	129

## OUT-PATIENT CLINICS. CASES TREATED DURING 1940.

	<i>Cases attended.</i>
Warrington Infirmary ....	16305
(Includes Orthopædic cases and Accident and Emergency Cases).	
Borough General Hospital ....	10187
(Includes Orthopædic Cases, Ante-Natal Cases, and persons attending at daily session for X-ray).	
Ante-Natal Clinics :	
Number of attendances at the Health Office Clinic	} 991 —
„ „ „ Maternity Home „	
„ „ „ Post Natal „	
„ „ „ „ „	133
Tuberculosis Dispensary (attendances for examination, etc.) ....	874
Venereal Disease Clinics ....	551
Number of attendances for attention of the Medical Officer ....	5779
Number of attendances for intermediate treatment ....	15343

## INFECTIOUS DISEASES.

The number of cases of notifiable infectious diseases and the deaths therefrom, together with the numbers treated at Aikin Street Hospital are given in the Appendix (page 17).

There were altogether 164 deaths from notifiable infectious diseases in 1940 compared with 130 in the previous year. The total number of visits paid by the Sanitary Inspectors to homes where cases of infectious disease had occurred was 10,109.

### VACCINATION.

699 children were successfully vaccinated during the year 1940 compared with 734 in 1939 and 640 in 1938.

### CANCER.

26 cases were admitted to the Council's Hospitals during the year. None of these cases had received previous advice or treatment. 1 case was provided with advice and treatment at another hospital under arrangements made by the Council. The Medical Officer of Health made arrangements for the treatment of 8 other cases, (2 Christie Hospital, Manchester), 6 at the Radium Institute, Liverpool).

### VENEREAL DISEASES.

The Clinical Officer of the Treatment Centre, Dr. Ellis Pigott, reports that the cases dealt with in 1939 were as follows:—

The total persons attending Clinic:—

	1940	1939	1938
Syphilis ....	186	133	138
Soft Chancre ....	—	—	—
Gonorrhœa ....	413	245	239
Conditions other than Venereal ....	52	33	30
	<hr/> 651	<hr/> 411	<hr/> 407

The number of attendances for individual attention of the

Medical Officer	4591
-----------------	------

The number of attendances for intermediate treatment	11988
--	-------

### GENERAL SANITARY WORK.

The visits paid by the Sanitary Inspectors during the year were as follows:—

To deal with property, nuisances, etc. ....	4995
To deal with cases of infectious disease ....	9030
To deal with cases of tuberculosis ....	1079

Out of a total number of nuisances found 2736 or 95.4% were abated.

The work under the Shops Act has been very varied, due to war conditions.

The shopkeepers for safety have closed their shops much earlier than the fixed closing hours.

## FACTORIES.

The Factory Act of 1937 which came into force on the 1st July, 1938, abolished the terms :—workshops, textile, and non-textile factories, and the term “factory” is provided for all classes.

More female labour is being employed and consequently alteration in the factories have been taken in hand to comply with the Welfare Regulations of the Act.

400 visits were paid by the Sanitary Inspector to premises to ascertain that the provisions of the Factory Act, 1938, were being carried out from a health standpoint.

## HOUSING.

The outbreak of war curtailed the building of houses by local authorities. In this borough the housing programme for Slum Clearance had been completed. By the end of the year, 1939, the Council had condemned and caused to be demolished 1074 insanitary houses. 4498 displaced persons had been rehoused mainly in houses erected by the local authority.

There still remains a large number of overcrowded houses to be dealt with when the opportunity presents itself. 116 visits were paid by the Sanitary Inspectors to overcrowded houses.

## INSPECTION AND SUPERVISION OF FOOD. SUMMARY FOR YEAR 1940.

### Milk Supply :—

224 Inspections were made of milkshops and shops where bottled milk is sold.

44 Inspections were made of 8 cowsheds within the town.

72 Samples of milk were submitted for Bacteriological Examination.

7 Samples of milk were found to contain Tubercle Bacilli, of these 6 samples were from cows kept on premises outside the borough and one from premises within this borough.

### Meat Supply :—

1073 visits were paid by the Sanitary Inspector to the 2 slaughterhouses in Warrington. (Ministry of Food Controlled from January 15th, 1940).

137 visits were paid to Butchers' shops.

211 Visits were paid to premises where Potted Meat, Sausages, &c., are prepared.

60 Visits were paid to the three Tripe Boiler premises.



Condemned Food:—Beef Carcases 496 $\frac{3}{4}$  cwts., Beast Offals 639 $\frac{1}{4}$  cwts., Sheep Carcases and Offal 10 $\frac{3}{4}$  cwts., Pig Carcases and Offal 44 $\frac{1}{4}$  cwts., Imported Beef, Pork and Offal 46 $\frac{3}{4}$  cwts., Fish and Poultry 6 cwts., Tinned Meat and Paste 23 tins, Fruit 11 tins. Rabbit carcasses 624, 60 Imported (tripe) Bellies, and 45 Sponge Sandwiches.

#### Food and Drugs Acts, 1928—1938.

109 samples were submitted to the Public Analyst during the year 1940. The samples included 18 principal varieties of foods.

14 samples of Milk failed to satisfy the requirements of the Regulations, eight were deficient in non fatty solids only, and six were deficient in fat. Further elaborate analytical investigations proved that the deficiencies in seven samples were due to natural causes. Further samples were taken from the producers supply in the seven remaining samples. These all contained more than the legal minimum of fat.

2 samples of Jam and 1 sample of Sausage were reported not satisfactory. Further samples will be taken.

#### WELFARE OF THE DEAF AND DUMB.

There are 50 cases on the register of the Warrington and District Deaf and Dumb Society. The Institute for the Deaf is at 13, Wilson Patten Street.

There are 27 males and 23 females. 2 of the males are not employed, due to old age or defective sight. 8 of the females are employed at work outside their homes, and the remainder are carrying out home duties.

#### WELFARE OF THE BLIND.

##### Prevention of Blindness.

14 children attended the partially-sighted class at Evelyn Street School. The children are examined at least once each quarter by Dr. O. N. Duthie, eye specialist. The Warrington and District Society for the Blind co-operate with the Health Department in assisting persons with defective vision with a view to preventing total blindness. The society express great appreciation for the work carried out by Dr. Duthie.

##### Certification of Blindness.

During 1940 15 new cases were registered and 5 additional cases were moved into Warrington Borough, 14 blind persons died, 1 case removed to residence outside the borough, and 3 cases were de-certified. At the end of the year there were 190 registered blind persons in Warrington, a decrease of 6 cases on the previous year. Of the 190 blind persons 6 are in training, 25 employed in the Society's workshop, 11 persons are working elsewhere, 4 home workers, 141 unemployed, and 3 of school age. All trained blind persons are employed.

